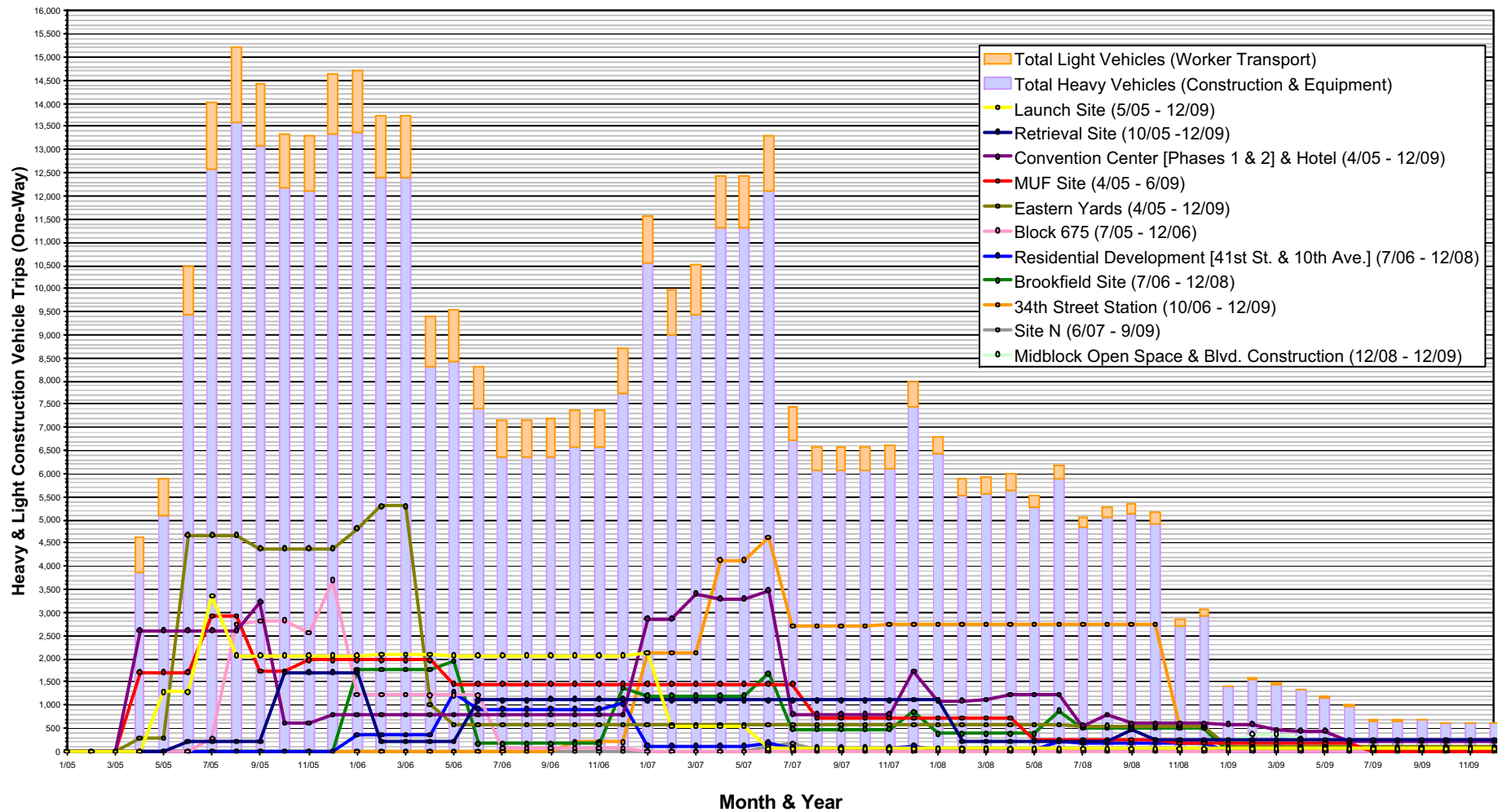


Major Construction Activity 2005-2010

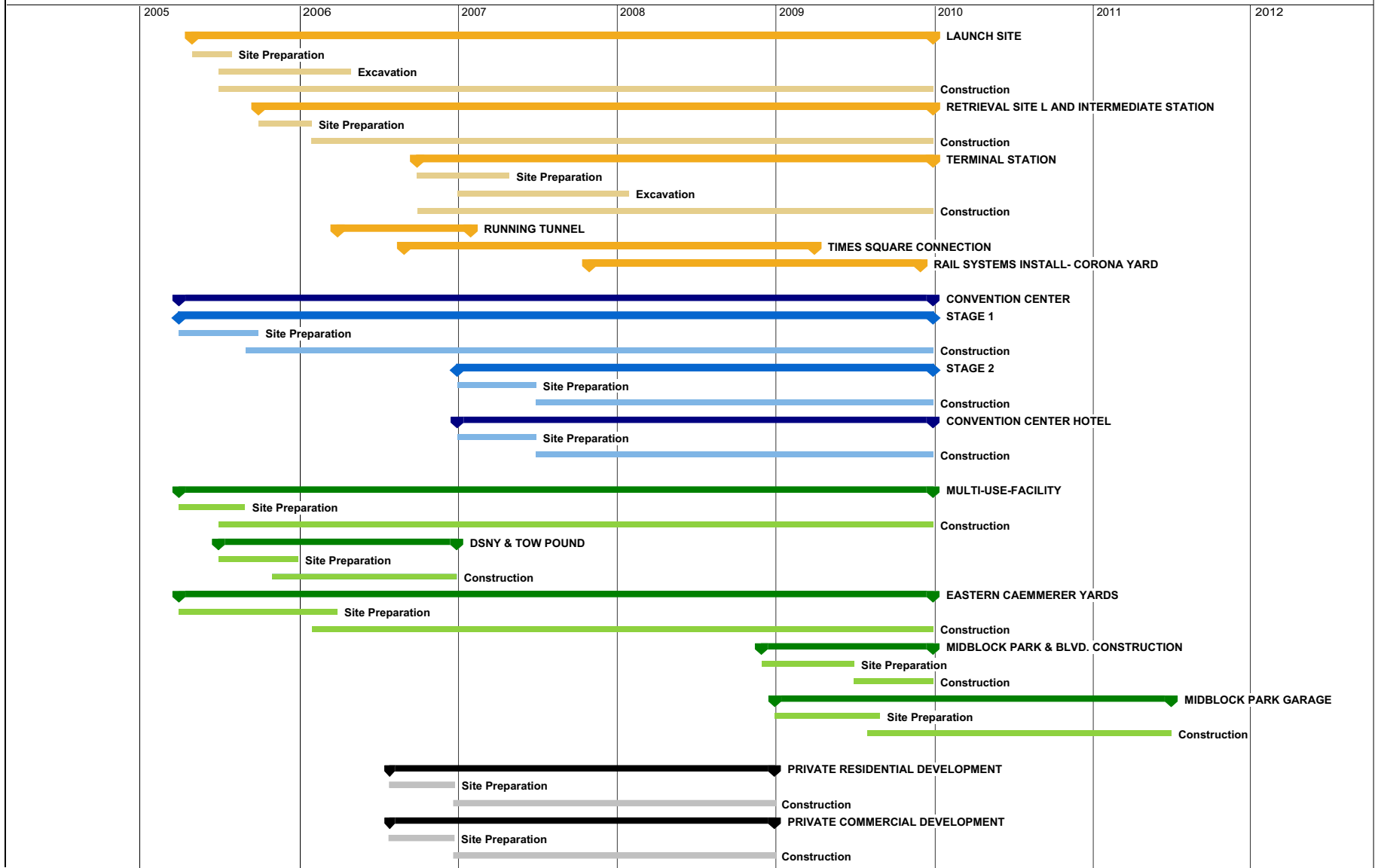
Figure 23-1



2005-2010 Heavy & Light Construction Vehicle Trips (One-Way)

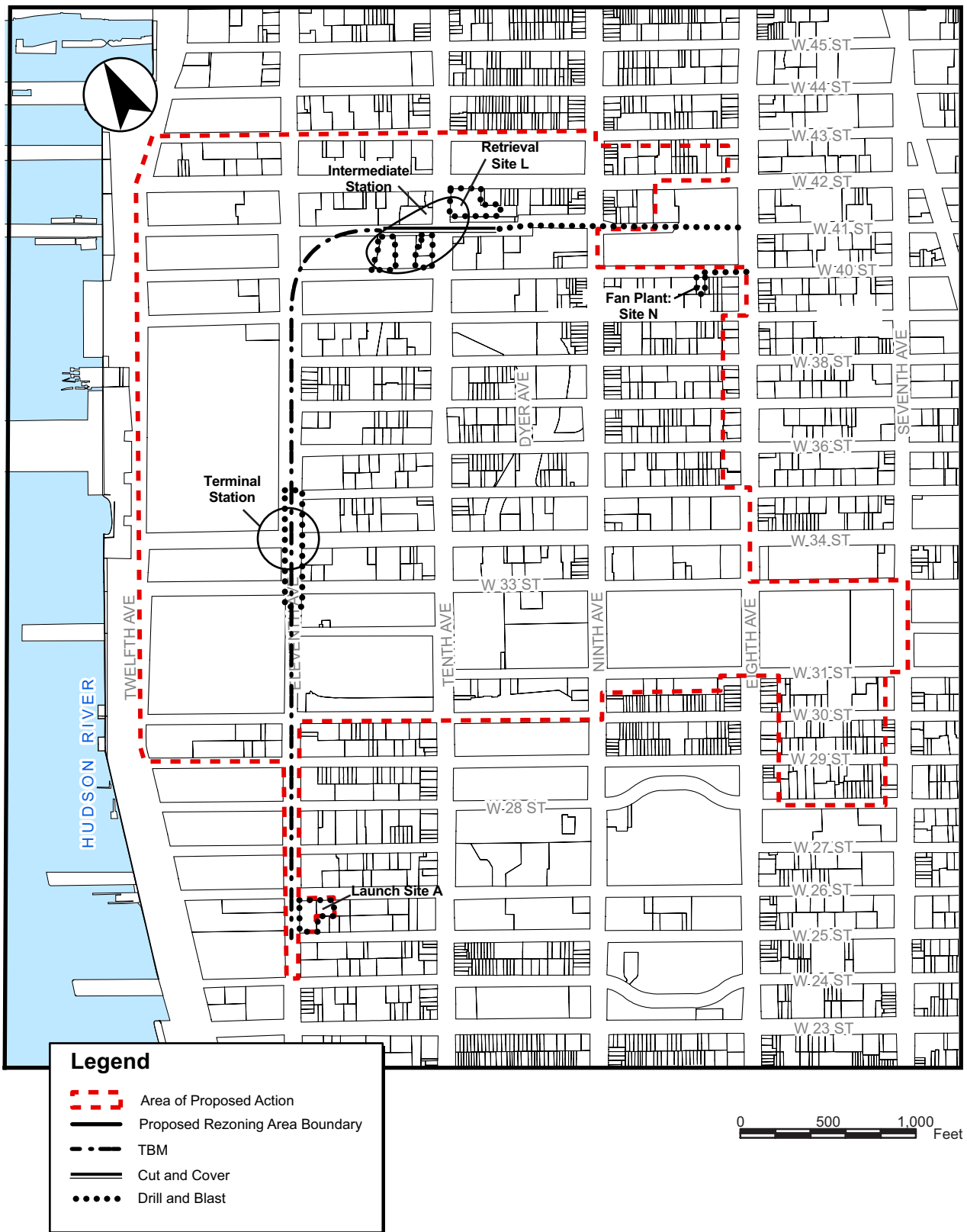
Figure 23-2

Construction Schedule



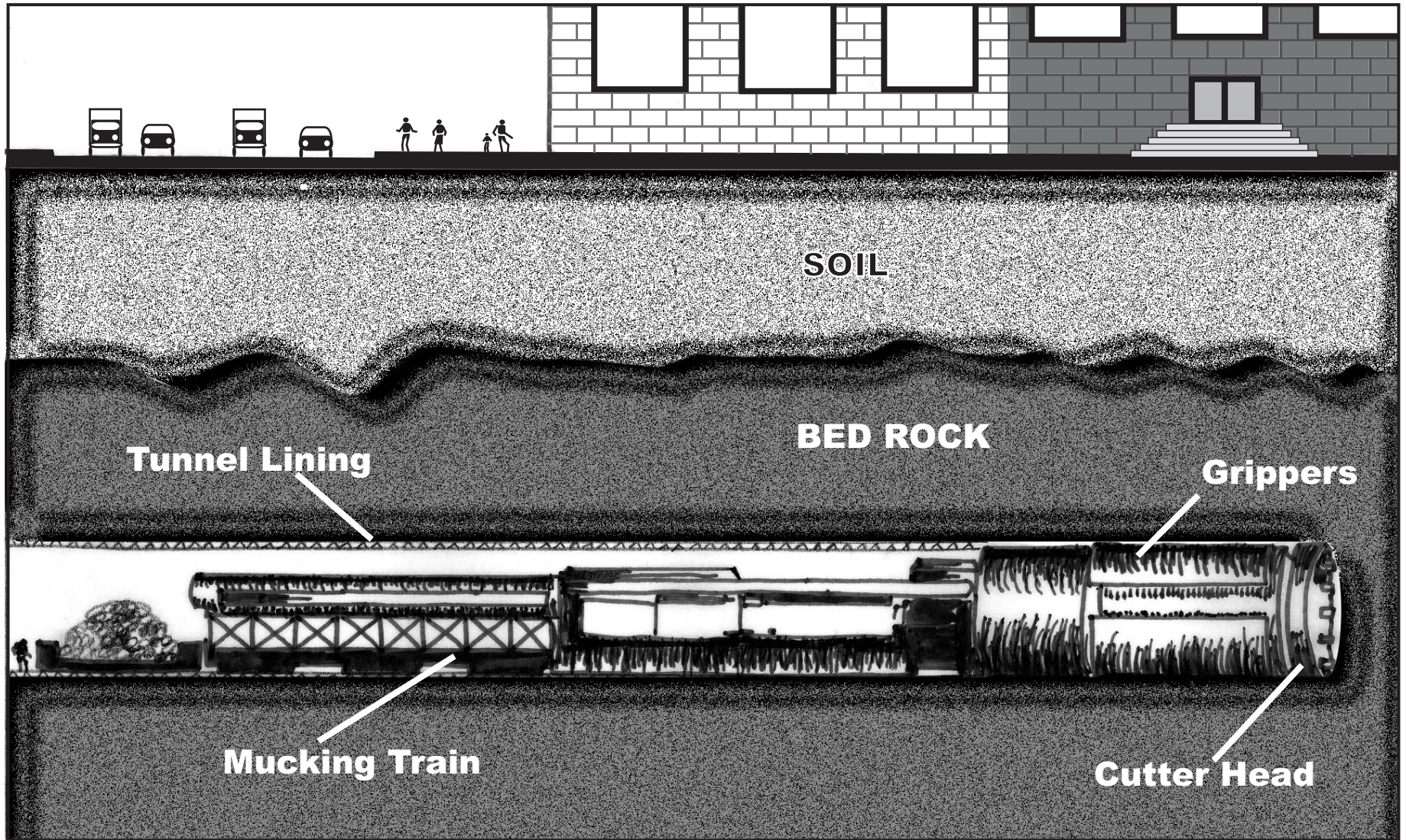
Construction Schedule

Figure 23-3



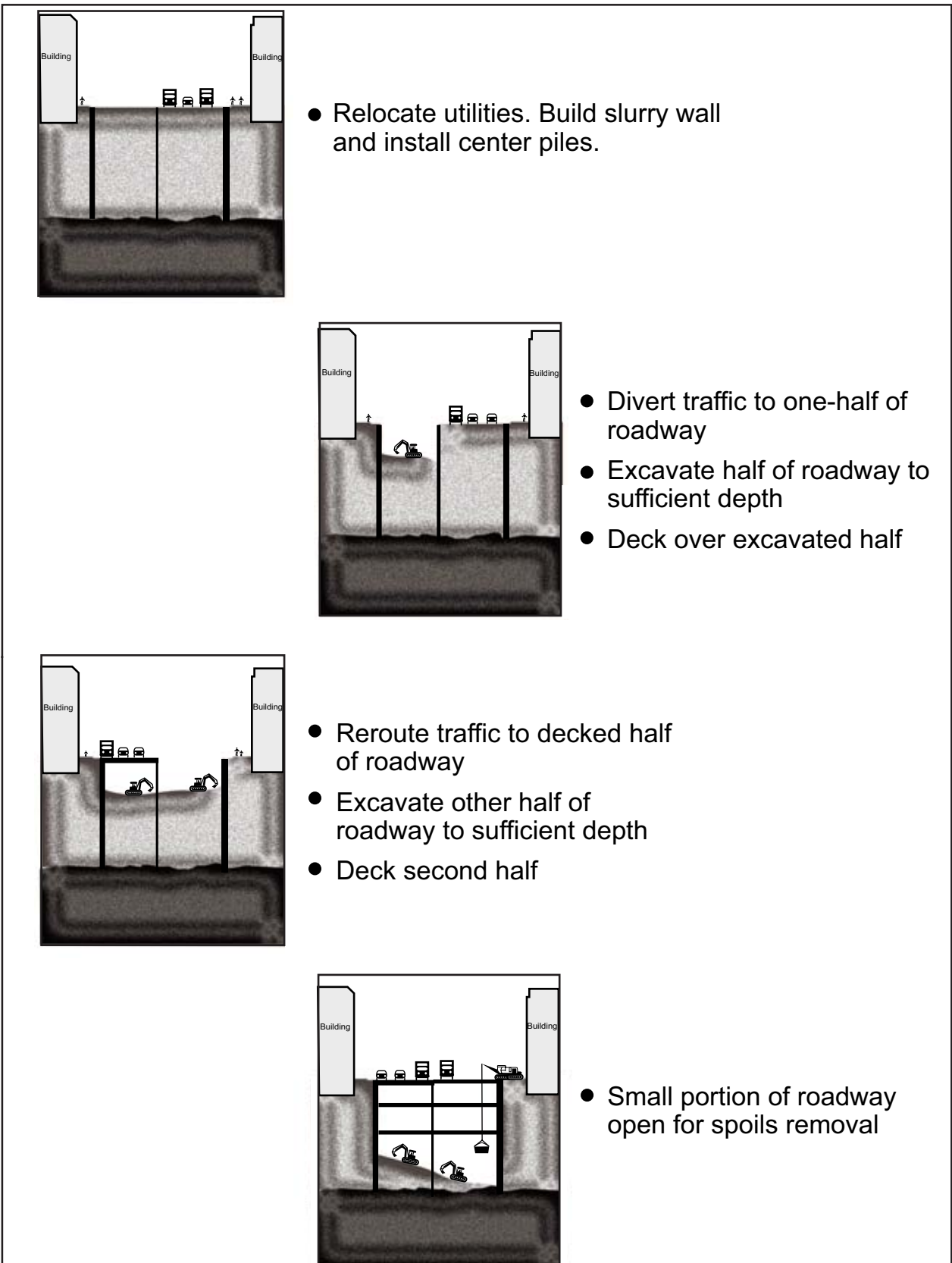
No. 7 Subway Extension: Excavation Methods

Figure 23-4



Conceptual Drawing of a Tunnel Boring Machine

Figure 23-5



- Relocate utilities. Build slurry wall and install center piles.

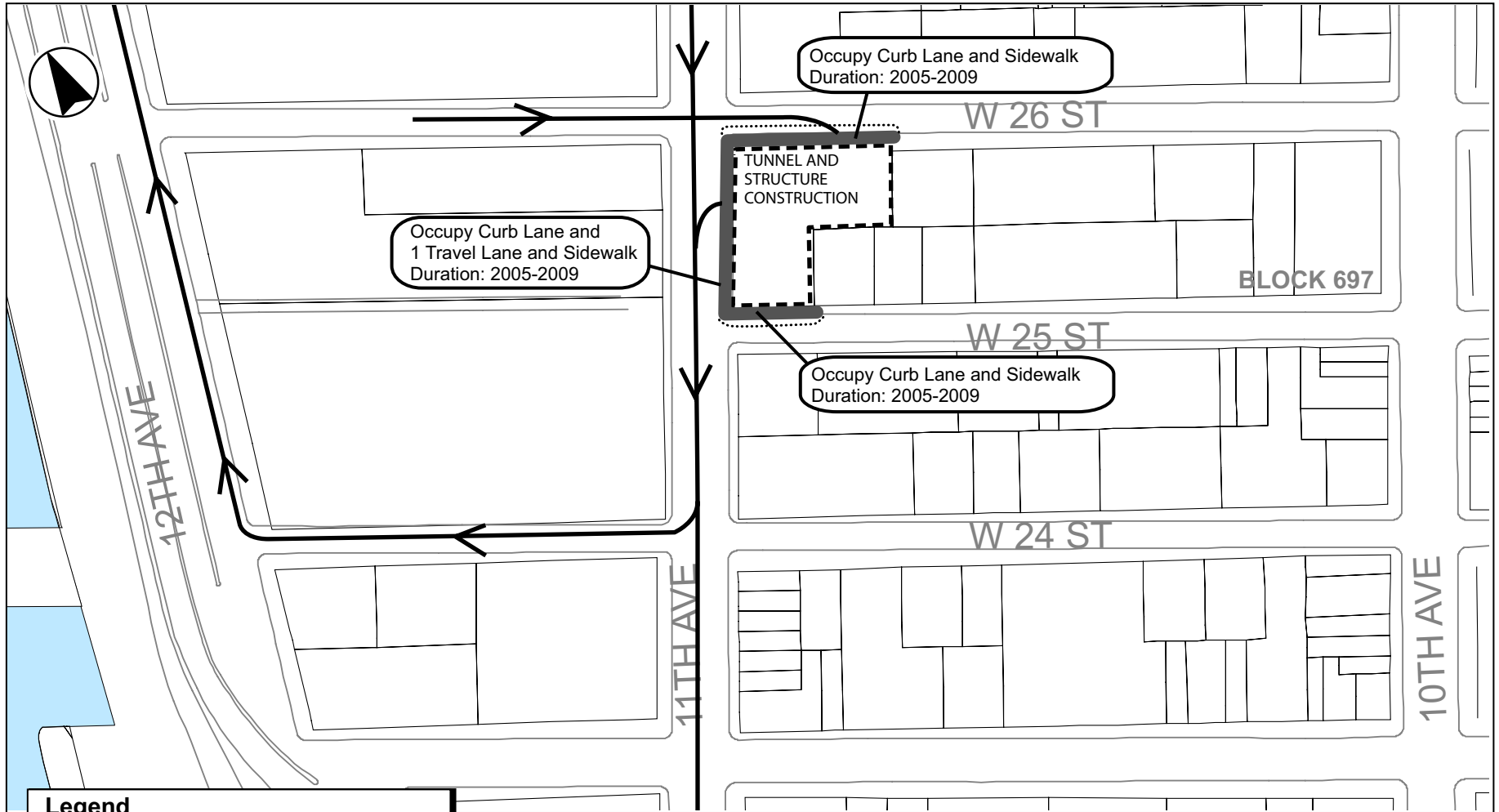
- Divert traffic to one-half of roadway
- Excavate half of roadway to sufficient depth
- Deck over excavated half

- Reroute traffic to decked half of roadway
- Excavate other half of roadway to sufficient depth
- Deck second half

- Small portion of roadway open for spoils removal

Conceptual Cut and Cover Station Construction, Section View

Figure 23-6



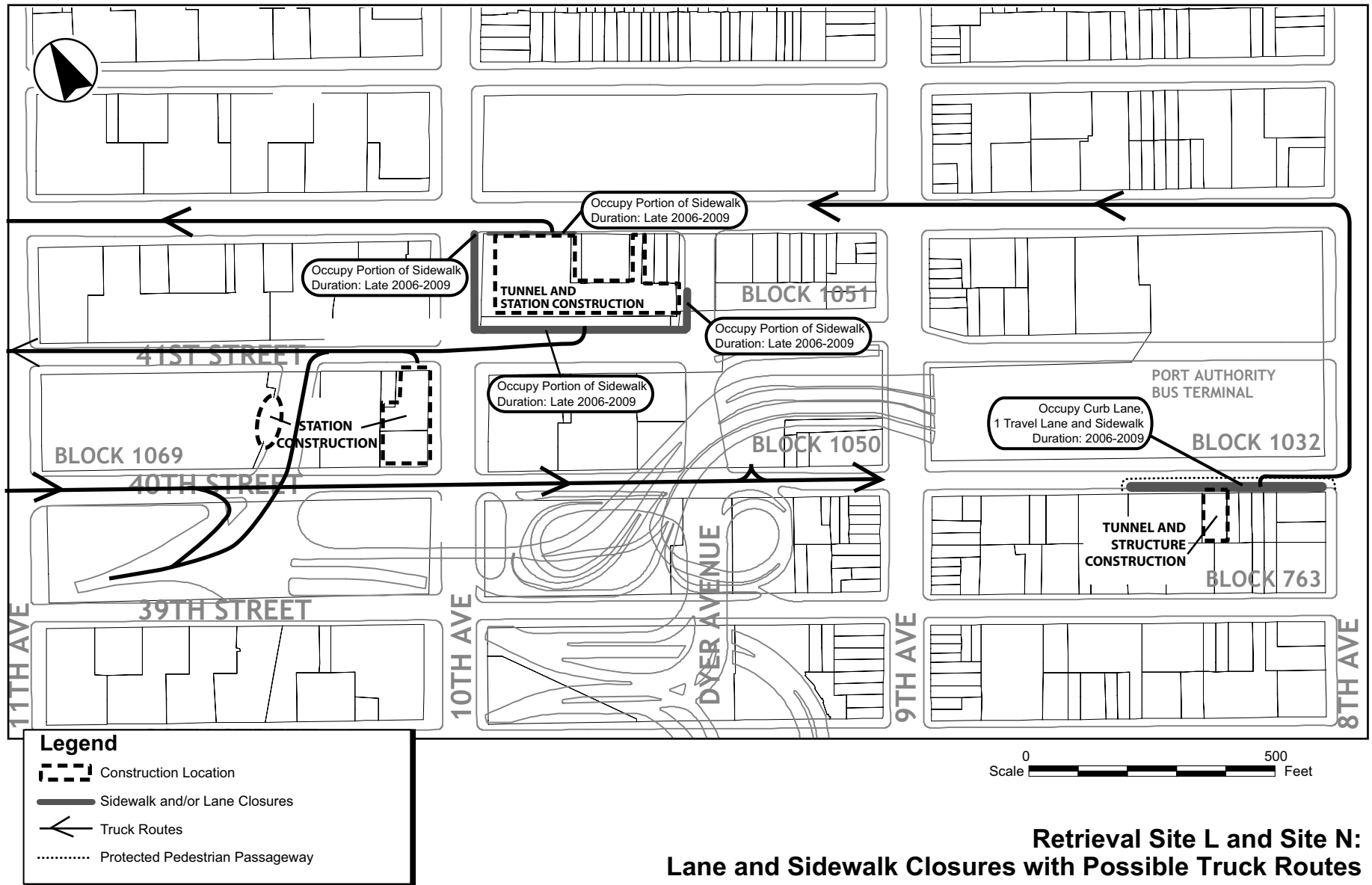
Legend

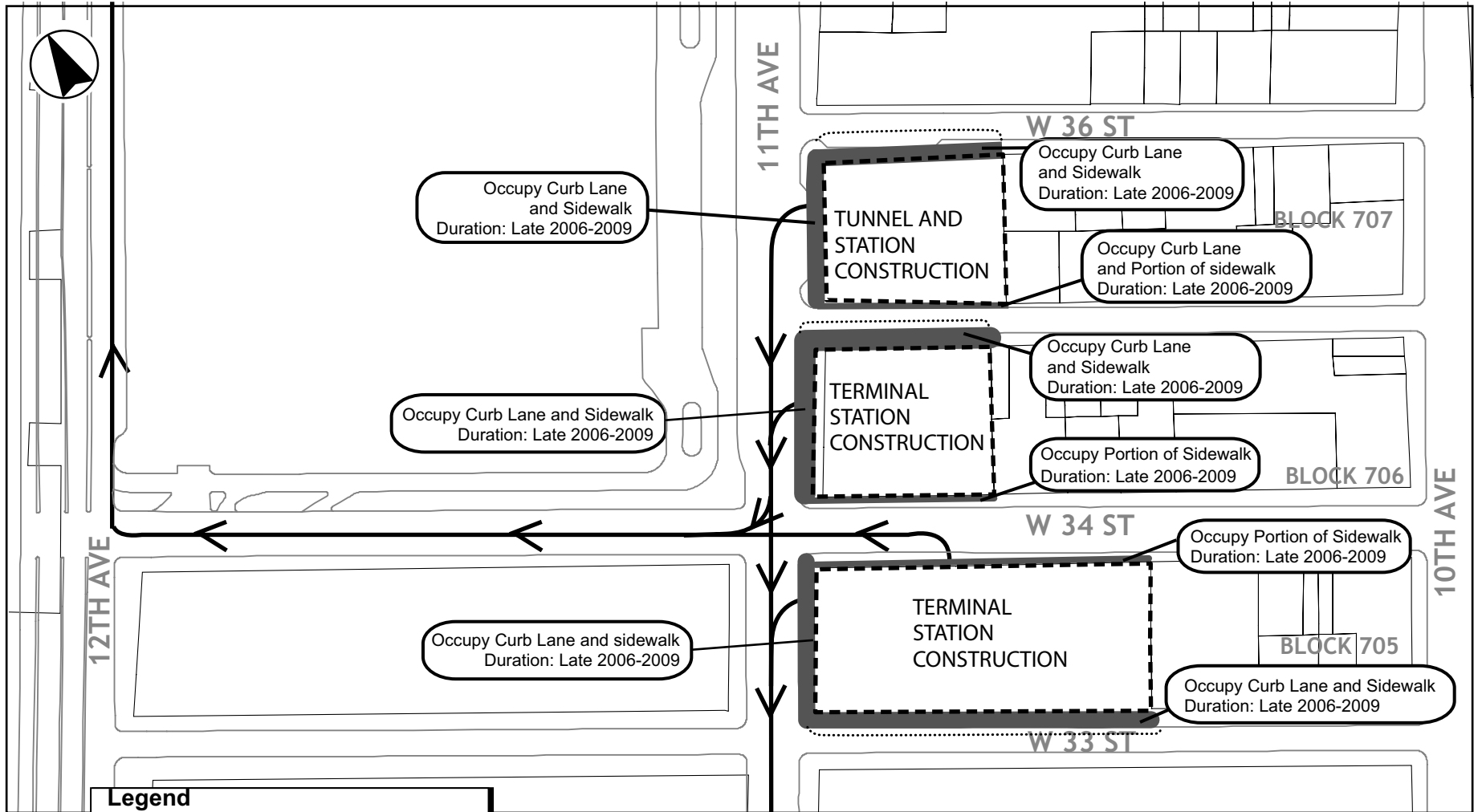
- Construction Location
- Sidewalk and/or Lane Closures
- Truck Routes
- Protected Pedestrian Passageway



Launch Site A: Lane and Sidewalk Closures with Possible Truck Routes

Figure 23-7



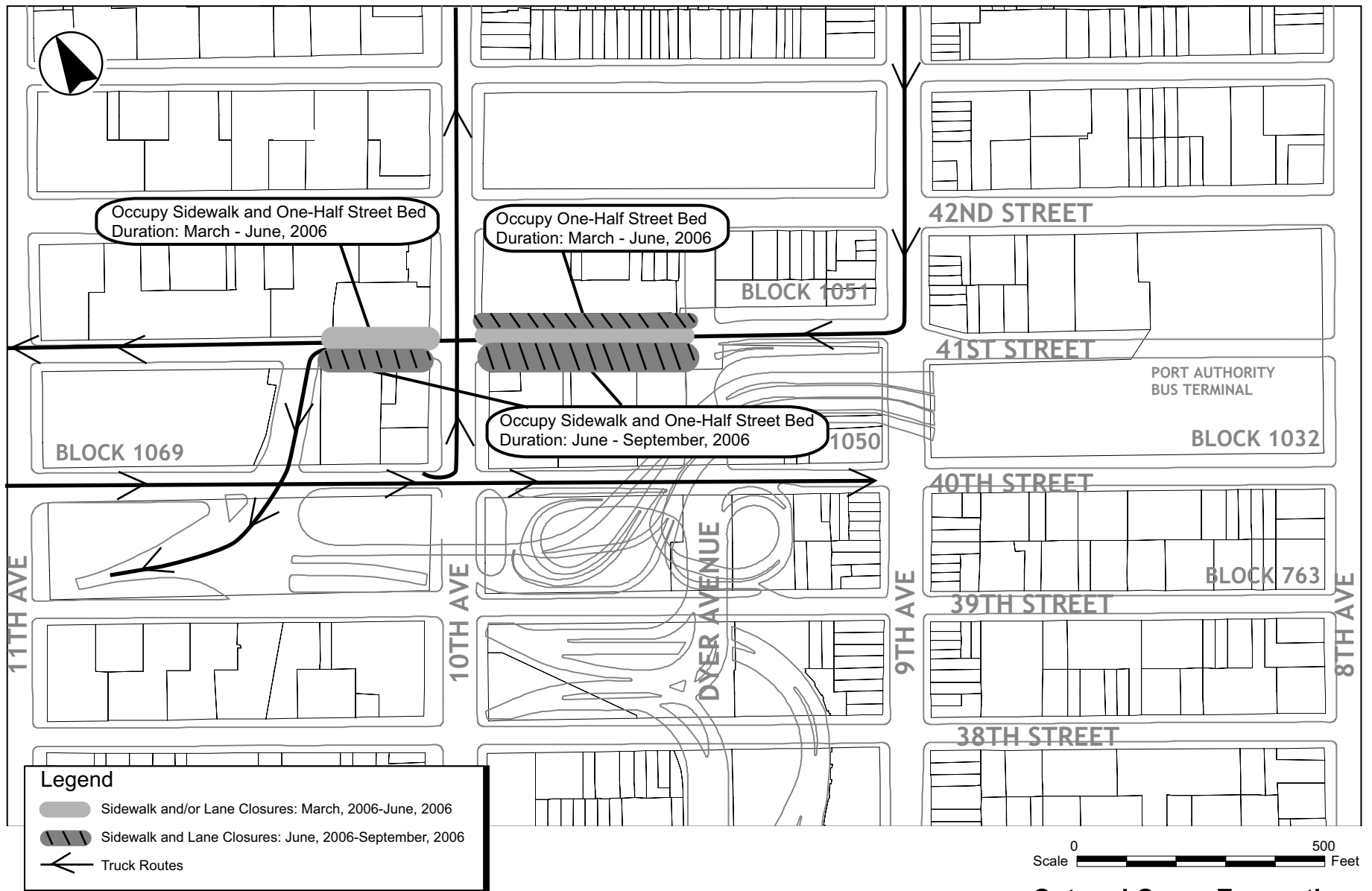


Legend

- Construction Location
- Sidewalk and/or Lane Closures
- Truck Routes
- Protected Pedestrian Passageway

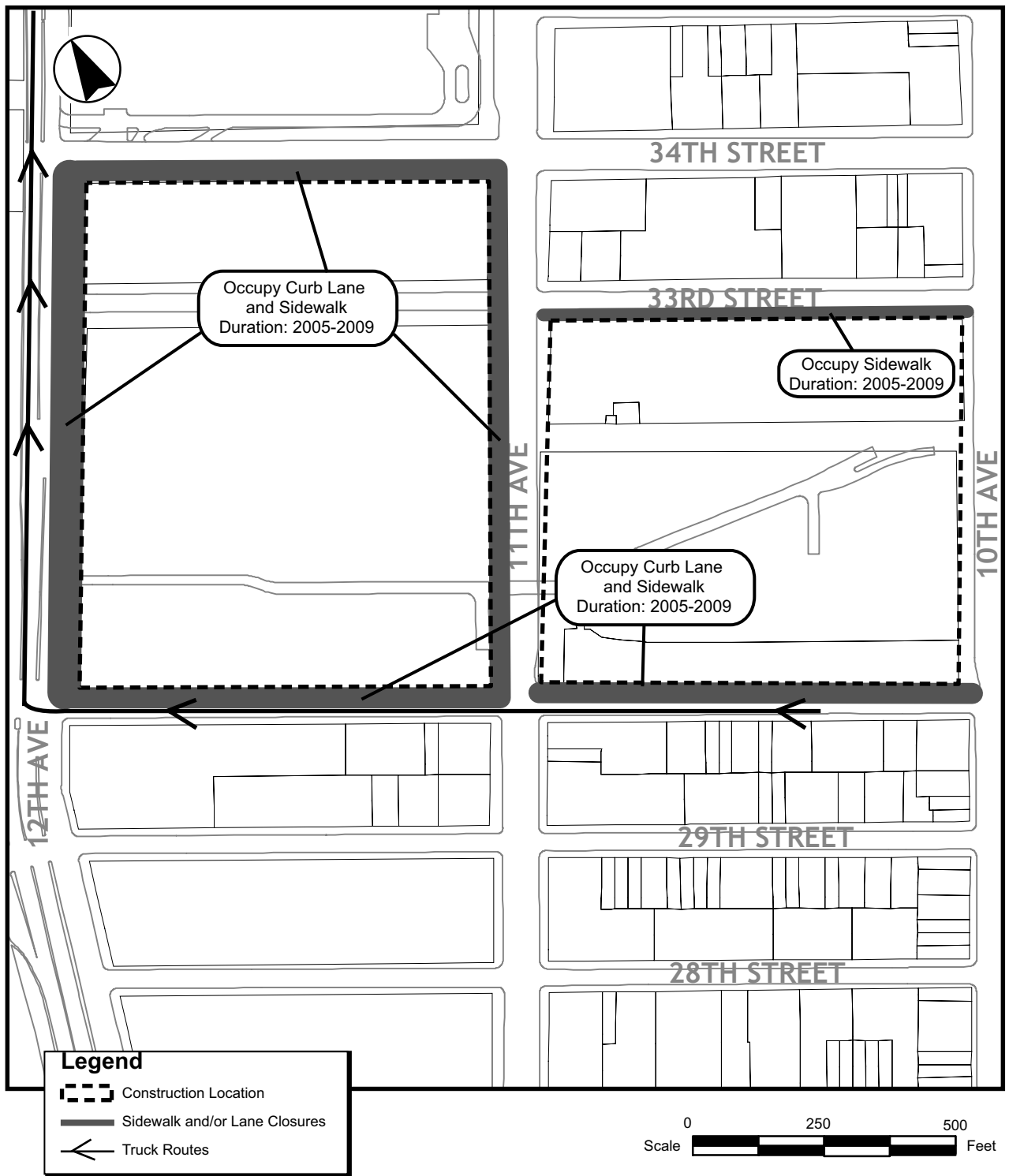
**Terminal Subway Station:
Lane and Sidewalk Closures with Possible Truck Routes**

Figure 23-9



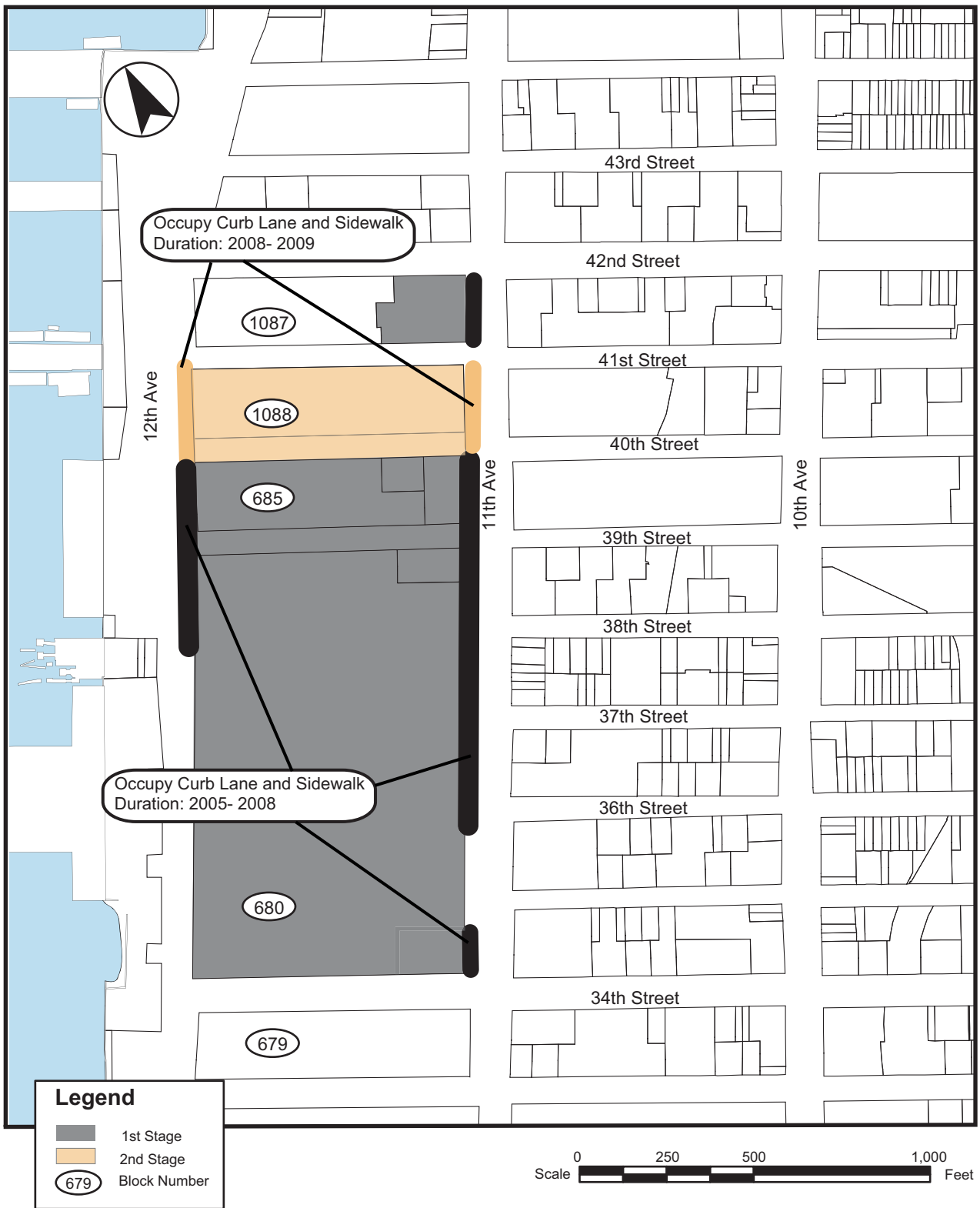
**Cut and Cover Excavation:
Lane and Sidewalk Closures with Possible Truck Routes**

Figure 23-10



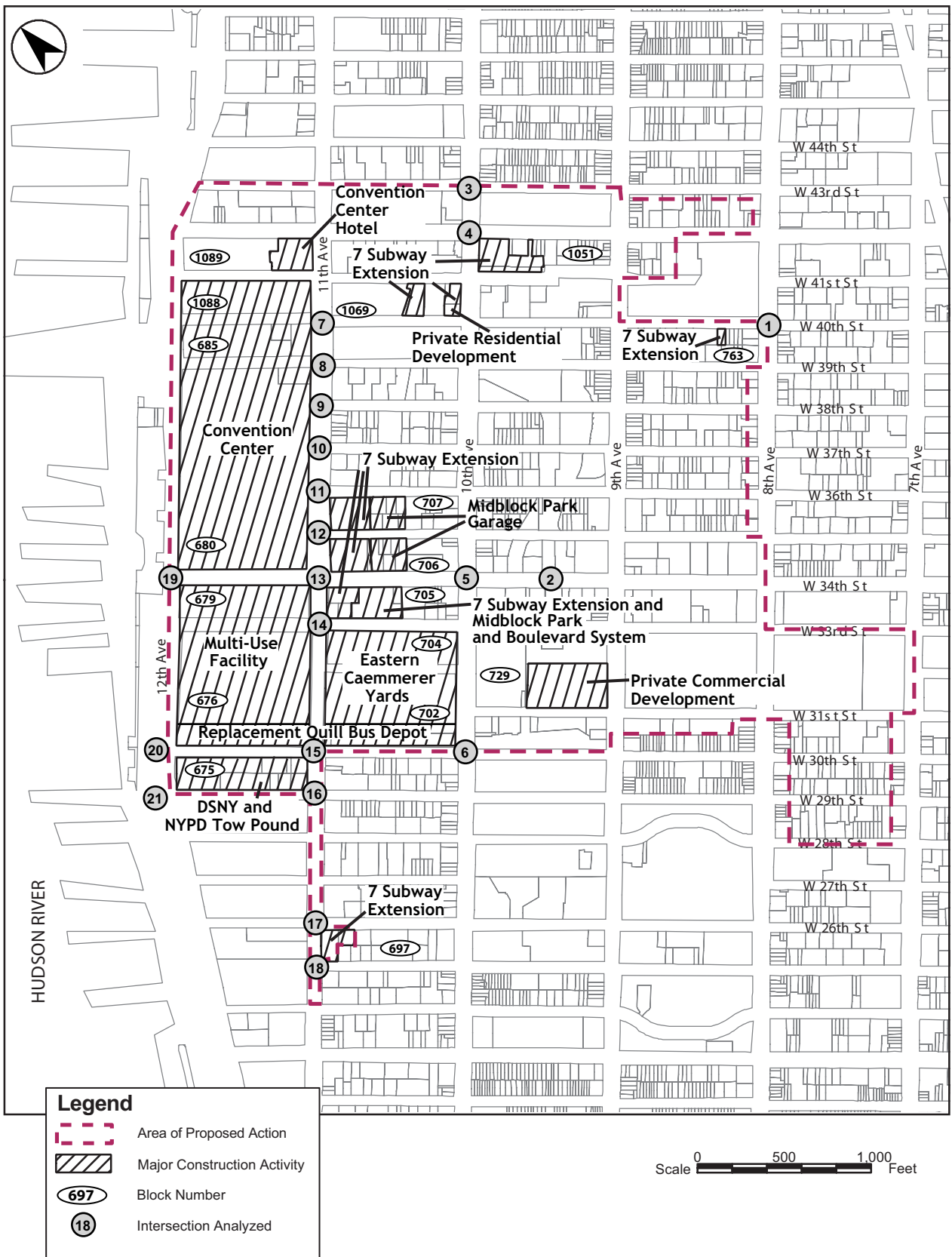
**Multi-Use Facility, Caemmerer Yard:
Lane and Sidewalk Closures
with Possible Truck Routes**

FIGURE 23-11



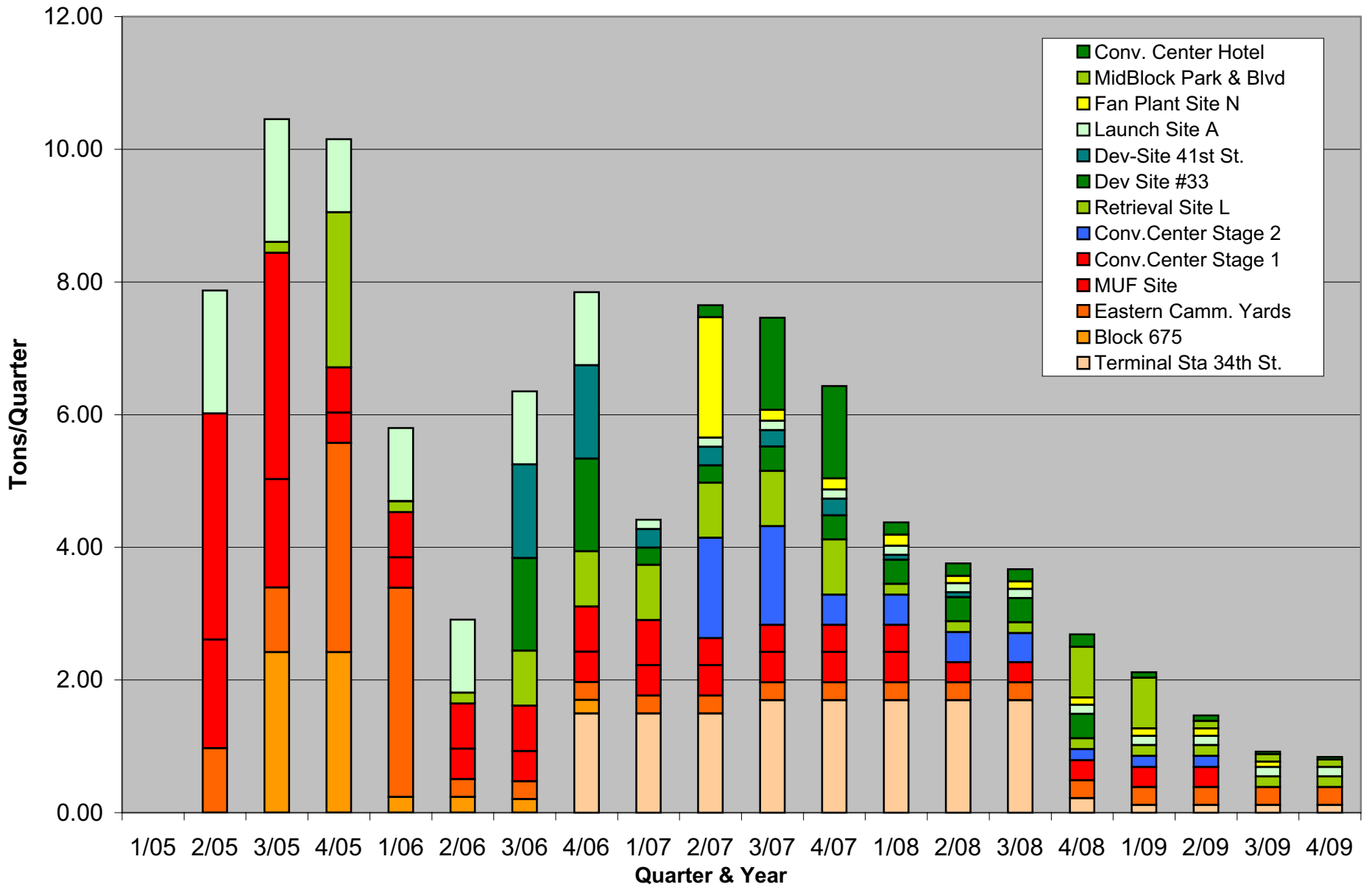
**Convention Center Expansion:
Construction Staging with Lane and Sidewalk**

Figure 23-12



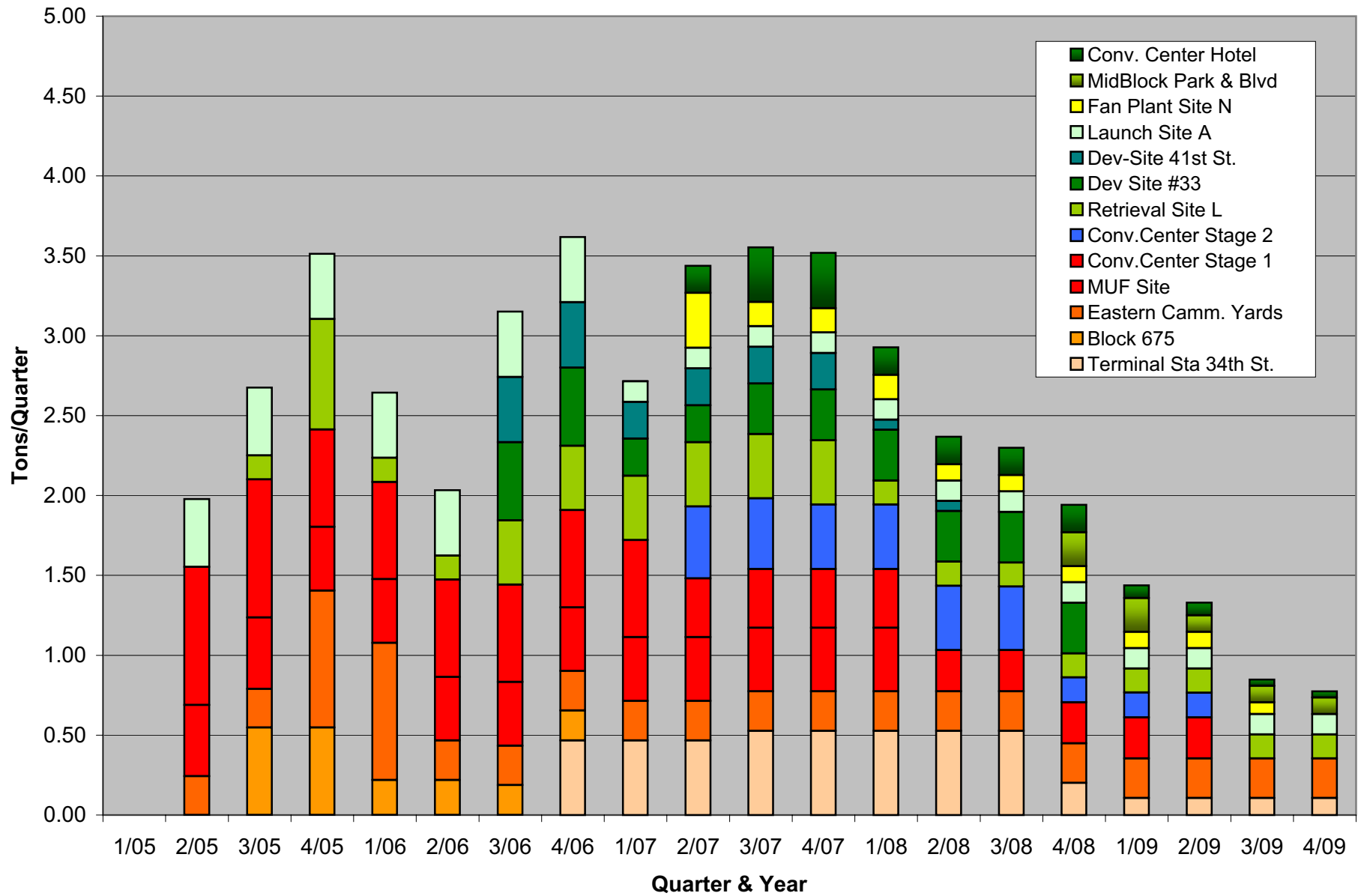
Construction Traffic Analysis Locations

Figure 23-13



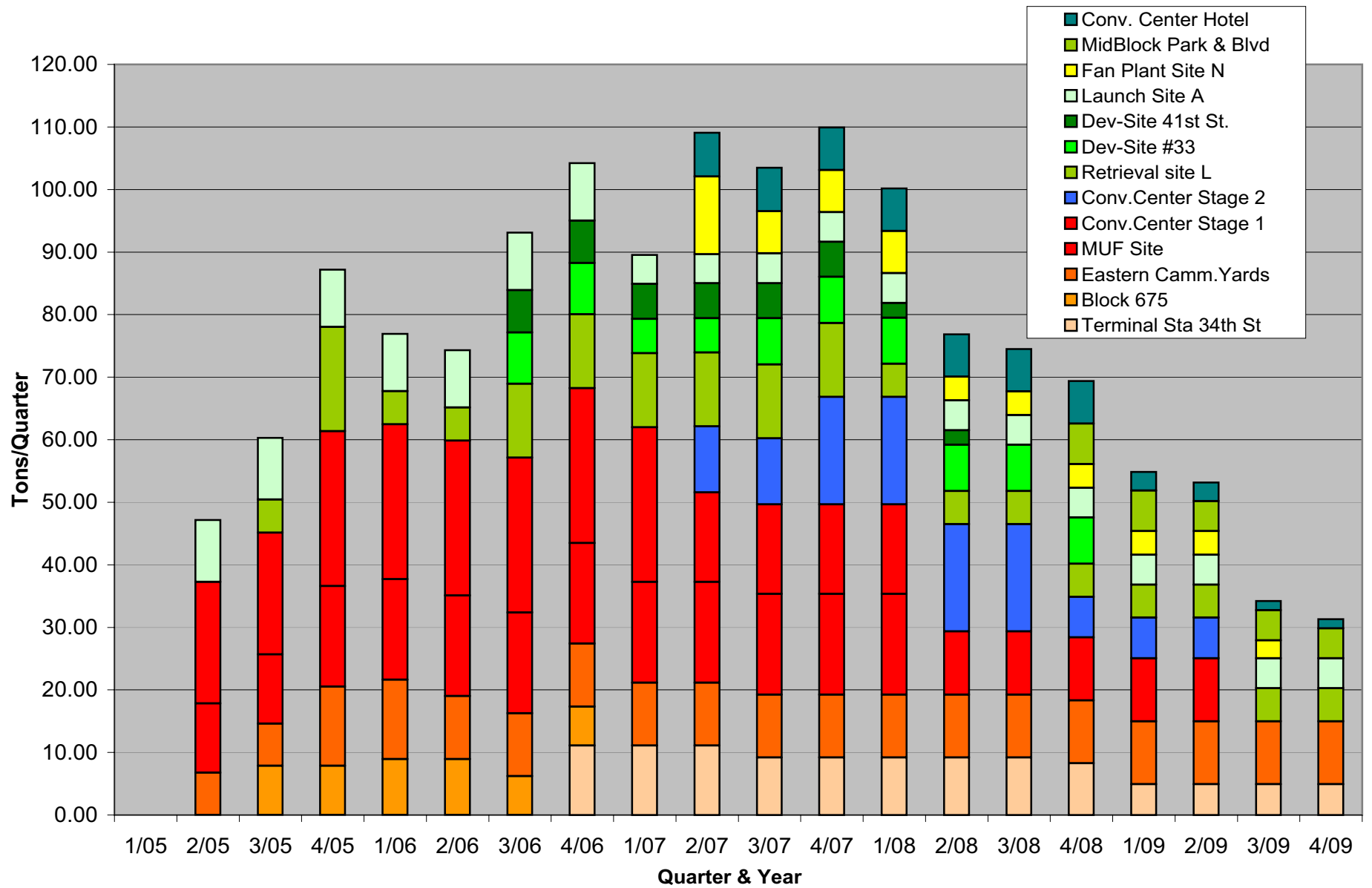
**PM₁₀ Emissions From Construction Activities
2005-2009 in Tons per Quarter**

Figure 23-14



**PM_{2.5} Emissions From Construction Activities
2005-2009 in Tons per Quarter**

Figure 23-15



**NO_x Emissions From Construction Activities
2005-2009 in Tons per Quarter**

Figure 23-16